

06/12/01

1044 U.S. PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. 005643/CALB/L/B

Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Re: Inventor(s): **Sean Michael Seutter, Seshadri Ganguli, Mei Chang, Michael X. Yang, Ming Xi**  
Title: **Low-Resistivity Tungsten from High-Pressure Chemical Vapor Deposition Using Metal-Organic Precursors**

JC872 U.S. PTO  
09/880465  
06/12/01

Transmitted herewith is the patent application identified above, including:

- ☒ Specification, claims and abstract, totaling 25 pages.
- ☒ Drawings totaling 6 pages, ☐ Formal ☒ Informal.
- ☒ Executed Declaration and Power of Attorney.
- ☒ Assignment of the invention to Applied Materials, Inc.
- ☒ Assignment Recordation Cover Sheet
- ☐ Information Disclosure Statement, PTO Form 1449 and ( ) References

FEE CALCULATION					
Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	- 24	- 20 =	- 4	X \$18	\$ 72
Independent Claims	- 3	- 3 =	- 0	X \$80	\$ 0
Basic Filing Fee				\$710	\$710
TOTAL FEES					\$782

- ☒ The Commissioner is hereby authorized to charge **\$782** to Deposit Account No. 50-1074
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074. A duplicate copy of this transmittal is enclosed.

☒ Please address all future correspondence to:  
**PATENT COUNSEL  
APPLIED MATERIALS, INC.  
Legal Affairs Department  
P.O.BOX 450A  
Santa Clara, CA. 95052**

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231

Express Mail Receipt No. E266180459005  
Date of Deposit 6-12-01  
Signature Eric Mulcahy

Respectfully submitted,

Robert W. Mulcahy  
Robert W. Mulcahy  
Registration No. 25,436